

FEB 20 2018

SF



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D350-602-014
Job Sheet 169281



Part No: D350-602-014

Job Qty: 1 ea

Part Name: AS350/AS355 Heli-Utility-Pod™ - Customizable, RH



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 12/6/17

Job Tracking No:

Due Date: 1/26/18

Created By: Mario Poulin

Type: SOLD

Description:

Customer: Gendarmerie Nationale (CGEND01)

12 rue de Béarn Paris, , 75003 France

Note: 09/20/2017 LMC Not Compatible With Dart (Apical) Cylindrical & Tri Bag Floats. Check With Customer To See If They Currently Have Eurocopter Squirrel Cheeks Or Dart D350-600-Xxx Spacepod Installed. If They Do, They Will Require DSI 9507-011 For Compatibility. If Customer Requires Compatibility, Dart Can Modify The Pod In House Prior To Shipping So That It Includes The DSI, Must Be Specified On Po. Allows For Customization For Camera/Laser Installation - Available By Special Order Only. Oversized Item, Please Refer To Shipping Instructions.

Ship Via:

10/15/15 Rev B 11N-D350-602 RWE

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		1/25/18	0.00	0.00	Start Up Small Fab-4	6	FEB 20 2018
140	Small Fab	1 pcs		1/26/18	0.00	18.81	Small Fab-4	9 DAS	FEB 20 2018
150	QC	1 pcs		1/26/18	0.00	0.00	QC5	6	FEB 27 2018
160	Packaging	1 pcs		1/26/18	0.00	0.00	Packaging1-3	9-8C	FEB 27 2018
170	QC	1 pcs		1/26/18	0.00	0.00	QC4		5mB
175	DC	1 pcs		1/26/18	0.00	0.00	DC		
180	Packaging	1 pcs		1/26/18	0.00	0.00	Packaging3-1	DAS	5mB
190	QC21-FG	1 Ea		1/26/18	0.00	0.00	QC21	21	FEB 27 2018

Part Op 140 - 1-Assemble as per Dwg D2694 2-Install label D2258-160 on Pod Assembly as per Dwg D2694 at location of max Descriptions: pod load label on pg2 of dwg

150 - QC5- Inspect part completeness to step on W/O

160 - Pick Kit

170 - QC4- 100% Inspect kits for completeness

175 - Document Control Photocopy bluefile & type labels per PPP D350-602-014 CHG002

180 - Identify as per dwg & Stock Location: Identify and pack for shipping as per PPP D350-602-014

Location: PPP Rev:

190 - QC21- Final Inspection - Work Order Release

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	AN3-15A	8	55	0	0
	AN3-7A	4	143	0	0
	AN4-12A	1	179	0	0
	AN4-14A	16	517	0	0
	AN4-16A	4	389	0	0
	D2258-160	1	6	0	0
	D2324	1	11	0	0
	D2523	2	4	0	0
	D2524	2	4	0	0

001030

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		DART AEROSPACE Container No: S043962 Part: D350-602-014 Job No: 169281 Serial No/ Batch: S043962 Revision: 11N - D350-602/DSI 9515 Inspector: _____ Date: 02/20/18		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause					
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cu ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Df ☐ Inspection Incompl ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : _____			

176

QC

D3322-042 -
D3495-1
D3910-3
D3984-030
D4091-1
MS21042L3
MS21042L4
NAS1149D0363J
NAS1149D0463J

1
1
4
18
4
12
21
24
42

0
6
52
135
23
4,655
4,830
4,885
5,357

0
0
0
0
0
0
0
0
0

Part Specifications

Specifications could not be found.

WORK ORDER NON-CONFORMANCE / UPDATE

QA: _____ Date: _____

Work Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Water Jet ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Quality ☐ Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐ Large Fab ☐ Composite ☐ Supplier ☐					
Part No. _____							
NCR No. _____							

Site: _____	Step #: _____	QTY Effective: _____	MRB (QSI042) Approval
Description Work Order Deviation		Disposition	Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval

Root Cause				FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐		
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐		
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐		
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐		
External Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐		
Technical Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐		
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐		
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐		
Past Expiry Date ☐	Manufacturing Process ☐	OTHER: _____					
Misidentified ☐	Past Due ☐						



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Master Unit 001036

Tel (613) 632-5200

Containers on Master Unit 001036				
Serial No	Part No	Customer Part No	Status	Quantity
S043815	AN3-15A		Allocated	8
S043813	AN3-7A	AN3-7A	Allocated	4
S043811	AN4-12A	AN4-12A	Allocated	1
S043810	AN4-14A		Allocated	16
S043809	AN4-16A	AN4-16A	Allocated	4
S043816	D2258-160		Allocated	1
F133356	D2324	D2324	Allocated	1
S043778	D2523		Allocated	2
S043779	D2524		Allocated	2
S043825	D3495-1		Allocated	1
S043781	D3910-3		Allocated	4
S043961	D3984-030	D3984-030	Allocated	8
S043787	D4091-1		Allocated	4
S043807	MS21042L3	MS21042L3	Allocated	12
S043805	MS21042L4	MS21042L4	Allocated	21
S043804	NAS1149D0363J	NAS1149D0363J	Allocated	24
S043803	NAS1149D0463J	NAS1149D0463J	Allocated	42

03322-042 1x S043811

REFERENCE ONLY

6.0 PART LIST (D350-602 Rev. E)
25.7 PARTS LIST (ICA-D350-602 Rev. 0)

Qty D350-602 -011	Qty D350-602 -013	Qty D350-602 -014	Qty DSI9052 -013	Part Number	Description
X				D350-602-011	HELI-UTILITY-POD™ (FITS BOTH LH/ RH)
	X			D350-602-013	HELI-UTILITY-POD™, LH
		X		D350-602-014	HELI-UTILITY-POD™, RH
			X	DSI9052-013	QUICK RELEASE KIT
1				D2694	POD ASSEMBLY (LH OR RH)
	1			D3322-041	POD ASSEMBLY (LH)
		1		D3322-042	POD ASSEMBLY (RH)
1	1	1		*D2202-1	POD LID
1				*D2202-3	POD BASE
	1	1		*D2202-5	POD BASE
5	5	5		*D2204-9	LATCH
1	1	1		*D2429-041	SPRING CLIP ASSEMBLY
1	1	1		*D2461-1700	NEOPRENE 'D' SEAL
5	5	5		*D2528-1	BACKER PLATE
4	4	4		*D2528-3	BACKER PLATE
1	1	1		*D2569	HINGE
1	1	1		*D3007-041	PROP ASSEMBLY
1	1	1		** D2012-107	CLEVIS
2	2	2		** D2022-101	SPACER
1	1	1		** D2705	SUPPORT BRACKET
1	1	1		** D3007-1	STRUT
1	1	1		** D3015-3	LOCKNUT
1	1	1		** AN4-10A	BOLT
1	1	1		** AN960JD416	WASHER
1	1	1		** MS21042L4	NUT (OR MS21042-4)
1	1	1		** SL69-BS	BALL STUD
1	1	1		** AN960JD516	WASHER
19	19	19		AN4-5A	BOLT
1	1	1		AN4-6A	BOLT
2	2	2		AN526C632R7	SCREW
21	21	21		AN960JD416	WASHER
2	2	2		AN960JD6	WASHER
2	2	2		MS21042L06	NUT (OR MS21042-06)
20	20	20		MS21042L4	NUT (OR MS21042-4)
4	4	4		D4091-1	LUG
4	4	4		D3910-3	LUG
1	1	1		D2258-160	LABEL
1	1	1		D2324-1	STRUT ASSEMBLY
2	2	2		D2523	MOUNTING BRACKET
2	2	2		D2524	SIDE PLATE
1	1	1		D3495-1	PLACARD
8	8	8		D3984-030	RUBBER EXTRUSION
4	4	4		AN3-7A	BOLT
8	8	8		AN3-15A	BOLT
1	1	1		AN4-12A	BOLT
16	16	16		AN4-14A	BOLT
4	4	4		AN4-16A	BOLT
24	24	24		AN960JD10	WASHER
42	42	42		AN960JD416	WASHER
12	12	12		MS21042L3	NUT (OR MS21042-3)
21	21	21		MS21042L4	NUT (OR MS21042-4)
			1	BLRS-010	QUICK RELEASE PIN (1" GRIP)
			3	BLRS-020	QUICK RELEASE PIN (1.5" GRIP)

* INCLUDED IN D2694 OR D3322-041/-042 POD ASSEMBLIES LISTED ABOVE

** INCLUDED IN D3007-041 PROP ASSEMBLY LISTED ABOVE

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 10.04.23

CERT. NO.: SH93-97

ISSUE NO.: 4

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN		
CHECKED		DRAWING NO. REV. B
MFG. APPR.	N/A	DSI 9515 SHEET 2 OF 4
APPROVED		TITLE SCALE
DE APPR.		LUG MODIFICATION NTS
DATE	10.04.23	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

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Description: HELI-UTILITY POD, RH

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